

Deoxyuridine Triphosphatase Human Recombinant

Item Number	rAP-1547
Synonyms	Deoxyuridine 5"-triphosphate nucleotidohydrolase mitochondrial, dUTPase, dUTP pyrophosphatase, Deoxyuridine Triphosphatase, DUT, FLJ20622.
Description	DUT Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 204 amino acids (70-252 a.a.) and having a molecular mass of 21.6kDa. The DUT is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P33316
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MASTVGAAGW KGELPKAGGS PAPGPETPAI SPSKRARPAE VGGMQLRFAR LSEHATAPTR GSARAAGYDL YSAYDYTIPT MEKAVVKTDI QIALPSGCGY RVAPRSLAA KHFDVGAGV IDEDYRGNVG VVLFNFGKEK FEVKKGDRIA QLICERIFYP EIEEVQALDD TERGSGGFGS TGKN.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The DUT solution (1mg/ml) contains 20mM Tris-HCl buffer(pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**